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S7	1	"7039619".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 14:57
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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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[Sensors Journal, IEEE](#)
Volume 3, Issue 4, Aug. 2003 Page(s):484 - 489
Digital Object Identifier 10.1109/JSEN.2003.816262
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(465 KB\)](#) [IEEE Rights and Permissions](#)
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[Engineering Science and Education Journal](#)
Volume 11, Issue 2, April 2002 Page(s):44 - 48
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- ☐ 3. **All-optical neural-net like image processing with local nonlinear optical thin films**
Khoo, I.C.; Chen, K.; Diaz, A.; Ding, J.; Yana Zhang;
[Lasers and Electro-Optics Society, 2003. LEOS 2003. The Meeting of the IEEE](#)
Volume 1, 27-28 Oct. 2003 Page(s):401 - 402 vol.1
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Publisher: American Scientific Publishers

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Authors: Waid M.C.; McKenzie J.L.; Price R.L.; Ejiofor J.U.; Webster T.J.
Source: Nanotechnology, Volume 15, Number 1, January 2004, pp. 48-54 (7)
Publisher: Institute of Physics Publishing

- ☐ **Three-Dimensional Feedforward Neural Networks and Their Realization by Nano-Devices**
Authors: Shmerko V.P.; Yanushkevich S.N.
Source: Artificial Intelligence Review, Volume 20, Numbers 3-4, December 2003, pp. 473-494(22)
Publisher: Springer

- ☐ **Long-term stimulation of mouse hippocampal slice culture on microelectrode array**
Authors: van Bergen A.; Papanikolaou T.; Schuker A.; Moller A.; Schlosshauer B.
Source: Brain Research Protocols, Volume 11, Number 2, May 2003, pp.

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☐ **Issues of Nanoelectronics: A Possible Roadmap**

Author: Kang L. Wang

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Authors: Lee D.-S.; Kim Y.T.; Huh J.-S.; Lee D.-D.

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☐ **Culture of neural cells on silicon wafers with nano-scale surface topograph**

Authors: Fan Y.W.; Cui F.Z.; Hou S.P.; Xu Q.Y.; Chen L.N.; Lee I.-S.

Source: Journal of Neuroscience Methods, Volume 120, Number 1, 15 October 2002, pp. 17-23(7)

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Authors: Daoheng S.; Qiao H.; Hao X.

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Authors: Nagata T.; Kanno R.; Kurihara Y.; Uesugi S.; Imai T.; Sakakibara S.-i.; Okano H.; Katahira M.

Source: Journal of Molecular Biology, Volume 287, Number 2, 26 March 1999, pp. 315-330(16)

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- ☐ **Fast tool servo control for ultra-precision machining at extremely low feed rates**

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- ☐ **Real-time imaging of a-kinase and calcineurin activities in neural cells and their activation by gangliosides.**

Author: Higashi H.

Source: Neuroscience Research, Volume 25, Supplement 2, 1996, pp. 7-7 (1)

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new 2001 International Technology Roadmap for Semiconductors ...
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